

THE 1915 APRIL RIVER:

By Table 111 (Wentz Report 1914) the Mean Provo River is 672 second feet; the mean maximum river is 834 second feet and occurs on the 29 day of the month; the mean minimum river is 510 second feet and occurs on the 8th day of the month.

The 1915 April River mean is 511 second feet, or 161 second feet less than the Mean River; the maximum is 706 second feet, occurring on the 30th day of the month and is 128 second feet less than the mean maximum; the minimum is 415 second feet occurring on the 2nd day of the month and is 95 second feet less than the mean minimum river.

And by table 1 (Wentz Report 1914) and using the whole period 1889 to 1915, the average mean April river is 662 second feet, the average maximum river is 1,033 second feet, the average minimum is 469 second feet, the maximum is 1,600 second feet occurring in 1907, and the minimum is 278 second feet occurring in 1905.

And comparing the 1915 April River with the river for the period from 1889 to 1915 we have;- The 1915 April river mean is 511 second feet or 151 second feet less than the mean river; the maximum is 706 second feet occurring on the 30th day of the month and is 894 second feet less than the maximum; and is 327 second feet less than average maximum; the minimum is 415 second feet occurring on the 2nd day of the month and is 137 second feet greater than the minimum and 54 second feet less than the average minimum.

And by table 11 (Wentz Report 1914) the maximum number of days the river is 100-200 second feet is

0- the 1915 is 0; the maximum number of days the river 200-300 second feet is 9 -- the 1915 river is 0; the maximum number of days the river is 300-400 second feet is 16 -- the 1915 river is 0; the maximum number of days the river 400-500 second feet is 22 -- the 1915 river is 15; the maximum number of days the river is above 500 second feet is 30 -- the 1915 river is 15 days.

The minimum number of days the river is 100-200 second feet is 0 -- the 1915 river is 0 days; the minimum number of days the river 200-300 second feet is 0 -- the 1915 river is 0 days; the minimum number of days the river is 300-400 second feet is 0 -- the 1915 river is 0 days; the minimum number of days the river is 400-500 second feet is 0 -- the 1915 river is 15 days; the minimum number of days above 500 second feet is 1 -- the 1915 river is 15 days.

The average number of days the river is 100-200 second feet is 0--the 1915 river is 0; the average number of days the river is 200-300 second feet is 0.9-- the 1915 river is 0; the average number of days the river is 300-400 second feet is 3.9--the 1915 river is 0; the average number of days the river is 400-500 second feet is 4.6--the 1915 river is 15 days; the average number of days the river is above 500 second feet is 20.6--the 1915 river is 15 days.

On blue print copy of Plate 111 (Wentz Report 1914) I have shown the 1915 river; note the discharge compared with the mean river, and the parrallelism of lines.